

IFW
ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/763,327 Confirmation No. : 6952
Applicant : Ming Gao YAO, et al.
Filed : January 26, 2004
TC/A.U. : 2652
Examiner : Unassigned
Docket No. : 100648.53163US
Customer No. : 23911
Title : Micro-Actuator, Head Gimbal Assembly and Manufacturing Method Thereof

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Mail Stop DD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

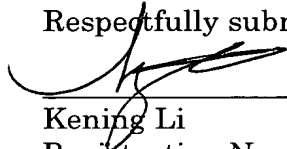
English abstract summarizing the disclosures of the four (4) publications are submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, the paper should be considered as a petition for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(d)(2) and that the petition fee set forth in 37 C.F.R. § 1.17(i) in accordance with 37 C.F.R. § 1.97(d)(3) should be charged to Deposit Account 05-1323, Docket No.: 100648.53163US.

Respectfully submitted,



Kening Li
Registration No. 44,872

September 28, 2004

CROWELL & MORING LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
JFM:KL:ejb
#340034v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/763,327
		Filing Date	January 26, 2004
		First Named Inventor	Ming Gao YAO, et al.
		Art Unit	2652
		Examiner Name	To Be Assigned
Sheet 1 of 1	Attorney Docket Number	100648.53163US	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	AA	US-2001/0004303	A1	06/21/2001	Wada et al.	
	AB	US-2002/0126420	A1	09/12/2002	Yao et al.	
	AC	US-2003/0005574	A1	01/09/2003	Kasajima et al.	
	AD	US-2003/0036870	A1	02/20/2003	Kim	
	AE	US-2003-0135985	A1	07/24/2003	Yao et al.	
	AF	US-2003/0147181	A1	08/07/2003	Shiraishi et al.	
	AG	US-2003/0147177	A1	08/07/2003	Yao et al.	
	AH	US-6,618,220	B2	09/09/2003	Inagaki et al.	
	AI	US-2003/0168935	A1	09/11/2003	Ogawa et al.	
	AJ	US-6,621,661	B1	09/16/2003	Ichikawa et al.	
	AK	US-2003/0196315	A1	10/23/2003	Yao et al.	
	AL	US-6,680,810	B2	01/20/2004	Shiraishi et al.	
	AM	US-2004/0022169	A1	02/05/2004	Ichiwawa et al.	
	AN	US-6,690,551	B2	02/10/2004	Shiraishi et al.	
	AO	US-2004/0037009	A1	02/26/2004	Yao et al.	
	AP	US-6,700,749	B2	03/02/2004	Shiraishi et al.	
	AQ	US-2004/0070887	A1	04/15/2004	Yao et al.	
	AR	US-2004/0085679	A1	05/06/2004	Yao et al.	
	AS	US-2004/0095684	A1	05/20/2004	Yao et al.	
	AT	US-6,747,848	B2	06/08/2004	Kasajima et al.	
	AU	US-6,751,069	B2	06/15/2004	Yao et al.	
	AV	US-2004/0140342	A1	07/22/2004	Yao et al.	
	AW	US-6,771,131	B2	08/03/2004	Wilson et al.	
	AX	US-6,775,107	B2	08/10/2004	Kasajima et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)				
	AY	JP2003-246841	05/09/2003	Nakamura et al.		
	AZ	JP2003-203449	07/18/2003	Kuwajima		
	AA1	JP2003-223155	08/08/2003	Oshima et al.		
	AA2	JP2004-006877	08/01/2004	Perlov et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.